

Nanoporous polymer foams from hardening of reactive resins in microemulsion

Abstract

- 5 Nanoporous polymer foams, obtainable by curing microemulsions. The microemulsion comprises an aqueous reactive resin phase, a suitable amphiphile and an oil phase, and the reactive components may be subjected to a polycondensation. In a subsequent drying operation, the thus obtained gel particles are freed of the fluid components.